POLARP 4M

oilweek 1983 GUIDE TO DRILLING FLUIDS

Supplement to December 6th 1982 issue of Oilweek.









WATER BASE Fresh Water

DISTRIBUTED IN CANADA BY

OTHER FUNCTIONS

PRODUCT DESCRIPTION



- Complete drilling mud and laboratory services throughout Canada
 Complete drilling mud and prilling engineering consultants land and offshore canada
- Helicopter service Grand Cache Grande Prairie
 Cessna Ft. St. John Ft. Nelson

- Workover specialists

SYSTEMS USED IN

Laboratory analysis services
 Inhibited drilling systems
 Suite 200, 320 - 23 Ave. S.W. Calgary, Alberta T2S 0J2

| PRODUCT TRADE NAMES | PRODUCT DESCRIPTION (Generic, Chemical or Other) | OTHER FUNCTIONS (Refer to Color and Indicated Group Number "P" Indicates Primary Function | NONDISPERSED INHIBITED INHIBITED INHIBITED INHIBITED INHIBITED INHIBITED INHIBITED IN INHIBITED INHIBITED IN INHIBITED INI | DISTRIBUTED IN CANADA BY |
|------------------------|---|---|--|-----------------------------|
| ALKALINITY pH CONT | ROL | GROUP 1 | | |
| BARABUF | Magnesium oxide pH statilizer | | B | AROID |

SYSTEMS

| ALKALINITY PH CONT | ROL | (| ROUP 1 | | | | | | |
|---------------------|-------------------------------|---|--------|---|---|---|---|---|---------|
| BARABUF | Magnesium oxide pH stabilizer | | | | | 0 | | | BAROID |
| BICARBONATE OF SODA | Na HCOs | | | | | • | | | ALL |
| CAUSTIC POTASH | кон | | | 0 | 0 | 0 | | | MOST |
| CAUSTIC SODA | NaOH | | | 0 | 0 | 0 | П | | ALL |
| LIME | Hydrated time | | | | | 0 | | | MOST |
| PH-10 | Buffer system magnesium oxide | | | | | | 0 | 0 | BRINADD |
| QUICK LIME | Calcrum oxide | 4 | | | | 0 | | 0 | WYO-BÉN |

| | Lifthough San Land | GROUP 2 | | | | | |
|------------------------|---|---------|---|---|---|---|-----------------|
| ACESTARCH PRESERVATIVE | Preservative | | | | • | • | ACE MUD SERVICE |
| ALDACIDE | Paraformaldehyde | | ۰ | 0 | 0 | 0 | BAROID |
| BIOTROL | Liquid biocide | | ۰ | | | • | WYO-BEN |
| CHEMHIB-3 | Anti-antrobic bactericide & corrosion inhibitor | | 0 | 0 | 0 | 0 | BRINADD |
| IMCO CIDE | Uquid carbamate | | 0 | B | O | o | IMCO SERVICES |
| MILBIO | Biodegradeable biocide | | 0 | 0 | 0 | 0 | MILCHEM |
| MYLO-GEL PRESERVATIVE | Starch Preservative | | 0 | 0 | • | 0 | MAGCOBAR |
| PARAFORMALDEHYDE | Starch preservative | | 0 | • | 0 | 0 | ALL |
| | Starch preservative | | 0 | 0 | a | 9 | ALL |

| | | GRO | UP 3 | | | | | | |
|----------------------|-------------------------|-----|------|---|---|---|---|---|---------------------------|
| BARIUM CARBONATE | 84001 | | | | 0 | 0 | 0 | П | ALL |
| BICARBONATE OF SOCIA | NaHCO ₃ | 20 | | 0 | • | | 0 | П | ALL |
| DIPEL 421 | Calcium control polymer | | | 0 | • | 0 | | н | AMERICAN COLLOID/CANAMARA |
| SODA ASH | Sodium carbonate | 51 | | Б | • | | 0 | н | ALL |

| AMMONIUM BISULFITE | Oxygen scavenger | | 1.D.F. |
|------------------------|--|-----------|--------------------|
| AQUA-TEC | H ₂ O soluble amine | | MILCHEM |
| AMI-TEC | Oil soluble amine compound | | MILCHEM |
| BZC | Basic zinc carbonate | 0 00 | CANAMARRA SUPPLY |
| BRINE GUARD | HeS scavenger zinc carbonate | 000000 | BRINADD |
| BARACOR A | For solids — free fresh water or brine systems | 0 0 0 | BAROID |
| BRINE-OX | Solid catalized O ₂ scayanger | 0000 | BRINADD |
| BRINE-PAC | For solids — free packer fluid | | MILCHEM |
| CHEMHIB #3 | Corrosion inhibitor & anti anerobic bacteroide | 0 8 8 0 0 | BRINADD |
| CIB | Amine compounds and oxygen scavenger | 0 0 0 0 | SUPERIOR MUD SALES |
| C-LOX | Liquid sodium sulphite catalyst | 0000 | UNITED MUD |
| COAT-44 | Sulphide scavenger | 0000 | BAROID |
| COAT-45 | Inorganic zinc salt for sulphide scavenging | 0000 | BAROID |
| COAT-110 | Atmospheric corrosion inhibitor | | BAROID |
| COAT-129 | Oxygen scavenger & scale inhibitor | 00000 | BARDID |
| COAT-415 | Filming amine | 00000 | BAROID |
| COAT-777. | Liquid oxygen scavenger | 0000 | BAROID |
| COAT-888 | Dxygen scavenger | 0000 | BAROID |
| COAT-81400 | Film forming amine salt | 4 0 0 0 | BAROID |
| COAT-C1815 | Filming amine | 8 8 8 8 8 | BAROID |
| CORROSION INHIBITOR | Zinc chloride and sodium dichromate | | WYO-BEN |
| ORILL AID 412 | Amine compound | 40040 | MOST |
| I.D.F. SCALE INHIBITOR | Polyphosphate scale inhibitor | 9 9 9 9 | I.D.E. |
| IMCO SULF-X II | Chelated zinc compounds | 0000 | IMCO SERVICES |
| IMCO X-CORR | Multi-purpose corrosion inhibitor | 0 8 0 0 | JMCO SERVICES |
| IMCO XO ₂ | Oxygen scavenger | 0000 | IMCO SERVICES |
| IMCO SULF-X II | Zinc compounds | 0000 | IMCO SERVICES |
| IRONITE SPONGE | H ₂ S scavenger and oxygen scavenger | 0000 | ALL |
| MAGCO INHIBITOR 101 | Amine type inhibitor | 0000 | MAGCOBAR |
| MAGCO INHIBITOR 202 | Amine inhibitor | 00000 | MAGCOBAR |
| MAGCO INHIBITOR 303 | Amine type inhibitor | 0000 | MAGCOBAR |
| MIL-GARD | HeS scavenger — zinc carbonate | 0 0 0 0 0 | MILCHEM |
| MILGARD R | Chelated zinc lignosulfonate | 000 | MILCHEM |
| MUD-PAC | Corrosion inhibitor for solids laden packer fluids | 0 0 0 0 | MILCHEM |
| NOXYGEN | Catalyzed sodium sulphite power | | MILCHEM |
| NOXYGEN L | Uquid oxygen scavenger — ammonium bisulfite | | MILCHEM |
| | Catalyzed sodium sulphite | 0000 | MAGCOBAR |
| | Anmmonium bisulfite catalyzed | 0 0 0 0 | MAGCOBAR |
| OSTEX | 70% Ammonium bisulfite | 0 0 0 0 | SUPERIOR MUD SALES |
| PRO-FILM | Film forming amine | 00000 | PROTEC MUD |
| PERMATILM | Film forming corresion inhibitor | 0000 | IMCO SERVICES |
| DIDE CADD | Internation for the property of | | A Landon Control |

| WATER BASE Frash Wade DISTRIBUTED I CANADA BY |
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| DISTRIBUTED I |
| CANADA BY |
| |
| NONDISPERSEE DISPERSEE INHIBITED OIL BASE N AIR GAS M |
| |

| EMULSIFIERS | | | | GRO | UP 6 | | | | | | |
|------------------|---|-----|-----|-----|------|------|---|---|---|----|--------------------------|
| AKTAFLO-E | Oxyethylated alkyl phenol liquid | 11 | | | T | | | | D | 11 | BARGIO |
| ASPHA-MUL | Basic emulsifier | | | | | | T | П | П | | WYO-BEN |
| ATLOSOL | Emulsifier for oil in fresh or salt water | 100 | | | | | | | 0 | | MILCHEM |
| ATLOSOL-S | Emulsifier for all in brine solutions | | | | | | t | | | | MILCHEM |
| BRONCMUL | Basic emulsifier | | | | | | | 0 | | 11 | BRONCO |
| CARBO-MUL | Od mud: emulsifier and oil wetting agent | | | | | | T | | | | MILCHEM |
| CARBO-TEC L | Oil mud: high température emutsifier | | | | | | Т | | П | 0 | MILCHEM |
| DAKOLITE | Lignite | 100 | | | | | • | | | | MOST |
| DRILL FAZE | O I base mud | 7 | | | | | t | | Г | | MAGCOBAR |
| DRILTREAT | Oll mud stablüzer | 7 | al- | | | | Т | | П | | BAROID |
| DV 33 | Oil wetting agent for oil muds | 7 | | | | | T | | 0 | | MAGCOBAR |
| EMULGO | Chalk emulsifier | | | | | | | | 0 | • | BRINADD |
| EMULSIFIER 115 | Dil-in-water emulsifier | | | | | | | | | П | J.D.F. |
| EW-20 | Emulsifier | | | | | | П | | | • | WY0-8EN |
| EZ MUL | Oil soluble surfacant liquid | | | | | | П | | | | BAROID |
| IMCO KENOL CONC. | Blended emulsifier & gelling agent | P/7 | | | | 3 13 | П | | | 0 | IMCO SERVICES |
| IMCO MD | Detergent | | | | | | 0 | | 0 | | IMCO SERVICES |
| IMCO MUD OIL | Asphaltic solids in diesel | 7 | | | | | 0 | | 0 | | IMCO SERVICES |
| IMCO SWS, | Anionic surfactant | 1 7 | | | | | | 0 | o | | IMCO SERVICES |
| INVERMUL | Oil mud stablizer | 7 | | | | | Т | | | • | BAROID |
| MAGCONATE | Petroleum sulfonate emulsifier | | | | | | 0 | | 0 | | MAGCOBAR |
| OIL FAZE | Od base mod | 072 | | | | | | | | • | MAGCOBAR |
| OIL "N" WATER | Emulsifier | | | | | | O | | | | UNITED MUD |
| OILSPERSE | Organic emulsifier | | | | | | П | | | 81 | BRINADO |
| OMG-40 | Organophilic day | | | | | | П | | | | WYO-BEN |
| PÉLTEX | Lignosulphonate | 7 | | | | | | 0 | o | | MOST |
| POLY MUL | Oskin-water emulpiner | | | | | | | | П | | 1.0.F. |
| RAYVAN | Chrome (gnosulphonate | 1 | | | | | | | • | | MOST |
| SALINEX | Chemical emulsifier | | | | | | m | | o | | MAGCOBAR |
| SUPER LIG | Eignite | 7.7 | | | | | | | • | | INDEPENDENT MUD SERVICES |
| SUPER TREAT | Caustic kgnite | 1 | | YAL | | | | | | | INDEPENDENT MUD SERVICES |
| SURFAK E | Nonionic emolsifier | | | | | | П | | П | | MAGCOBAR . |
| SURF-COTE | Secondary oil wetting agent | | | | | | Ħ | ı | m | m | MILCHEM |
| TRIMULSO | Oil-in-water emulsifier | 24 | | 100 | | | ۰ | • | • | | BAROID |
| VERTOIL | Invertibase | | | | | | | | | | MAG00BAR |
| VIZ THIN | Lignosulphorale | 1 | | | | | | | | | INDEPENDENT MUD SERVICES |

| FILTRATE REDUCERS | | GROUP | 7 | | |
|------------------------|---|------------------|-----------------------|-----|------------------------|
| ACESTARCH | Pregelatinized starch | | | III | ACE MUO SERVICE |
| AP-21 | Non-viscosifying polymeric field | | 0 4 0 0 | | 1.0.F. |
| BAROLO ASPHALT | Oxidized asphali | | | | BARDID |
| BARRIER | Fluid foss control | | 0.0 | | CANAMARRA SUPPLY |
| BRIDGE SAL | Polymers, calcium lignosulphonate, salt | | | | SUPERIOR MUD SALES |
| BRIGHEAL | Polymer & sized carbonates | | | | BRINADO |
| CARBO-TROL | Oil mud. Filtration control agent | | | 0 | MILCHEM |
| CELLEX | Sodium surboxymethyl cellulose | | 0 0 0 0 | | BAROID |
| CEL PAK | Anipriic critulose polymer | 1.12 | | | IMCO SERVICES |
| CFS & S DRILLING FLUID | Polymer based, acid soluble, non-damaging fluid system | 10 | | | CANADIAN FLUID SYSTEMS |
| CHEM-TROL X | Polymer bland: for salt calcium and high temperature contamination filtration problems | 1.0 | | | MILCHEM |
| CMC | Carboxymethylcethilose. | | | | ALL |
| CYPAN | Sodium polyacrylate | | 0.0 | | MOST |
| DEXTRID | Partially destrinized polysaccharide | | 0 0 0 0 | | BAROID |
| DRILL AID 425 | Sodium golyscrytate | | 0 0 0 0 | | MOST |
| | Sodium carboxymethyl cellulose | 100 000 | 0 0 0 0 | | MOST |
| | Polyaniotic cellulose | 3 3 7 | | | MOST |
| DRISPAC-SUPER LOW | Polyaniolis cellulose | | 0000 | | MOST |
| DURATONE | Diganophike colleid powder | | | 0 | BAROID |
| DURENEX | Temperature stable lignific powder | المراجع المراجع | 4 4 5 5 | | BAROID |
| | Fluid loss control agent for oil muds | | 1 31 8 8 8 8 8 | | MAGCOBAR |
| | Water seleble hydro colloids | و من ان ان ان ان | 0 0 0 0 | | BRINADO |
| FL 4 | Water scrubte hydro colloids | | 0 0 0 0 | | BRINADD |
| FLOTEX | Exprosulphonales, carbohydrates, carbonates | _60 | 0 0 0 0 | | SUPERIOR MUD SALES |
| FLR-100 | Polymero Huid loss reducer | | | | LDF |
| HI-TEMP | High temperature fluid loss reducer | | | | 1 D.F. |
| IDFLO | Non-viscosifying Build loss reducer | | | | 1.D.F. |
| IMA | Salt must blend | | | | WYO-8EN |
| IMCO LOID | Pregelatinized corn starch | | 0 0 0 0 | | IMCO SERVICES |
| IMCO PERMALOID | Organic polymer | | 0 0 0 0 | | IMCO SERVICES |
| IMCO POLYSAFE | Multipurpose polymer | | | | IMCO SERVICES |
| IMCO VR | Asphallic resin | | والمراور الأراق | | IMCO SERVICES |
| IMPERMEX | Pregetasnized starch | | 0 0 0 0 | | BAROID |
| K-LIG | Potassium lignite derivative | | | | BAROID |

| | | | | NON | DISP | BRA | OIL | AIR | |
|------------------|--|----------|----------|--------|------|-----|-----|-----|-------------------|
| | | _ | | | | - | = | | |
| LOST CIRCULATION | MATERIAL | 1 | GROUP 10 | | | | | | |
| ACE SEAL | Combination fibre flake, granules | | | | | | • | | ACE MUD SERVICE |
| CANE FIBRE | Shredded cane | 1 | | | | | | | ALL |
| CARBO-SEAL | Dil mud: modified hydrocarbon | | | $^{+}$ | | П | 0 | | MILCHEM |
| CEASCAL | Acid soluble sealer L C M for polybrine system | P/// | | 0 | | E | | | MAGCOBAR |
| | And soluble L C M | P/7 | | | | | | ▔ | MAGCOBAR |
| CEDAR FIBRE | Shredded cedar | | | | 0 0 | 0 | | 圃 | MOST |
| CELLOPHANE | Cellophane Itake | | | 0 | | 10 | | ▔ | ALL |
| CIRCOTEX | Sized carbonales | 7 116 | | 0 | | | 0 | | SUPERIOR MUD SALI |
| CIRCOTEX MAX | Sized carbonales | de de | | 0 | | | 0 | | SUPERIOR MUD SALI |
| COTTONSEED HULLS | Cottonseed hulls | | | | 0 0 | 0 | | | WYO-BEN |
| DIACEL D | Diatomaceous earth | 1 | | 0 | | | 0 | П | WYO-SEN |
| DIASEAL M | Blended lost circulation additive | | | | 0 0 | | | | IMCO SERVICES |
| DICK'S MUD SEAL | Shredded organic material | | | | 0 0 | | 0 | | MOST |
| EMULGO PILL | Chalk emulsifier with calciem carbonates | 100 | | 1 | + | н | | | BRINADD |
| FIBERTEX | Processed cane fibres | | | 0 | 0 0 | 0 | Ħ | | BARDID |
| HYTEX | Lignosulphonates polymers carbonates | | | | 0 0 | | Ħ | | SUPERIOR MUD SAL |
| IMCO FLAKES | Cellophane Flaxe | | | 0 | 0 0 | | | | IMCO SERVICES |
| IMCO FYBER | Fibre blend | - | | | | | | | IMCO SERVICES |
| IMCO MYCA | Mineral mica | - | | | | | 0 | | IMCO SERVICES |
| IMCO PLUG | Ground walnut shells | | | - | 0 1 | | | | IMCO SERVICES |
| IMCO WOOL | Fibrous mineral wpol | | | | | | 0 | н | IMCO SERVICES |
| INDE PLUG | Hammered styroloam | 1 | | | OE | | Н | | MOST |
| INTERLOK | All purpose L C M. | 1 | | | | | Н | | 10F |
| ISO-PILL | Blend of viscosifiers, fluid loss additives & bridging a | idents . | | | 0 1 | | | | DOW FLUID PRODUC |
| KWIK-SEAL | Combination L C M | | | 0 | 0 | 10 | Н | Н | MOST |
| LINTEX | Fibrous material | | - | | | | + | | BAROID |
| MICA | Sized mica Ilake | ++ | | 0 | | | 0 | н | MOST |
| MICATEX | Mica Ilakes | ++- | - | 0 | 0 1 | | | | BAROID |
| MIL-CEDAR PLUG | Shredded, cedar hares | + | | 0 | | | | | MILCHEM |
| MIL-FIBER | Processed cane fibres | - | 1 | | | | | н | MILCHEM |
| MILFLAKÉ | Shredded cellophane flakes | - | | 0 | | | | | MILCHEM |
| MILMICA | Nonabrasive mica flakes | 1 | | 0 | 0 | | | | MILCHEM |
| MIL-PLUG | Ground watnut hulls | + + | | | 0 | | | Н | MILCHEM |
| NUT PLUG | Ground warnut hulls | 1 | 1 | | 1 | | f | | MAGCOBAR |
| OSS PILL | Oil soluble resin polymer system | | | | 0 | | | | BRIHADD |
| PAPER-OX | Shredded paper | | | | 0 | | | | MILCHEM |
| PETRO SEAL | Various sized paper products | 100 | | | | | | | ACE MUD SERVICE |
| PLUG-GIT | Processed hardwood fibre | | | | 0 | 0 0 | | | BAROID |
| POLY-BRIDGE | Polymer and inorganic chamical system | | | 0 | | 36 | | | MILCHEM |
| POLY SEAL | Polythene liake | | | 0 | 0 | 0 0 | | | MOST |
| PRO FIBER | Shredded excelsior mat | | | 0 | | 0 1 | E | | WYO-BEN |
| REEF CARB | Sized calcium carbonate | | | | | 0 | | | REEF MUD |
| RUF-PLUG | Weady ring of corn cob | | | 0 | | | E | | WYO-BEN |
| SANHEAL PILL | Calcium carbonate polymer system | | | 0 | | | | | BRINADO |
| SAWDUST | Sawdust | | | | 0 | | | | ALL |
| SIMPLE SEAL | Calcium carbonate polymer system | | | 0 | 9 | | | | BRINADO |
| | Sired calcium carbonales | | | | | | | | BRINADD |
| SOLUBRIGES | Sized oil soluble resins | | | | | I | Г | | BRINADO |
| SOLUBRIGES | Oil soluble resins | | | - | 0 | 0 4 | | | |
| SOLVAQUIK PILL | Chalk emoisties with calcium carbonates | | | | | | ľ | | BRINADD |
| T-Z PILL | Beactive polymer | | | | | ٠, | | | BRINADO |
| WALNUT HULLS | Ground walnut shells | | | - | | | | | ALL |
| W 0 30 | Acid soluble graded calcium carbonale | | | | | 1 | | | MILCHEM |
| W 0 50 | Polymer and graded calcium carbonate | | | | П | ١, | | П | MILCHEM |

| | | G | ROUP 11 | | | | | |
|-------------------|--|---|---------|---|------|-----|---|--------------------|
| AXMOL | Anionic and nonionic delergent blend | | 100 | | 0 1 | | | MOST |
| AQUA-SPOT | Weighted spotting fluid | | | | 0 | | | MILCHEM |
| AZ-32 | Nonlenic surfactant lubricant | | | | | | | WYO-BEN |
| B-FREE HEAVY WATE | Spotting fluid for stuck pipe with viscosifier | | | | | | | 1.0.F. |
| | E P lubricant | | | | | | | MAGCOBAR |
| | Diesel oil substitute | | | | | | | MAGCOBAR |
| DRILL AID 405 | Synthetic oil | | | | 46 6 | П | | MOST |
| DRILL X | Torque reducing agent | | | | | | | WYO-BEN |
| E Z SPOT | Oil mud concentrate | | | 0 | 0 1 | | | BAROID |
| | Graphite | | | | 0 0 | 1 | | MOST |
| | Sulforated tall oil | | | | • | | 0 | IMCO SERVICES |
| IMCO FREEPIPE | Amonic surface active agent | | | | | | | IMCO SERVICES |
| IMCO LUBRI KLEEN | Blended lubrication materials | | | | 0 5 | | | IMCO SERVICES |
| KUM FREE | Surfactant to free pipe | | | | | | | UNITED MUD |
| LUBE 106 | Organic liquid compounds | | | | 0 4 | | | IMCO SERVICES |
| LUBE KOTE | Graphite | | | | 0 6 | 10 | | MAGCOBAR |
| LUBEYEX | Dils and surfacants | | | | | | | SUPERIOR MUD SALES |
| LUBRA-BEADS | Plastic sphere lubricant | | | | 0 | l o | • | BAROID |
| LUBRIGLIDE | Thermo-plastic polymer | | | | 0 0 | | | 10F |
| LUBRI-FILM | E.P. Subricant | | | | 0 4 | | | MILCHEM |
| LUBRI-SAL | Nonpolluting lubricant | | | | | | | MILCHEM |
| MAGCOLUBE | Biodeoradeable fubricant | | | | | | | MAGCOBAR |

| PRODUCT TRADE NAMES | PRODUCT DESCRIPTION (Generic, Chemical or Other) | OTHER FUNCTIONS (Refer to Color and Indicated Group Number "P" Indicates Primary Function | ar | | | OIL BASE MUD | DISTRIBUTED IN CANADA BY |
|------------------------|---|---|----|---|---|--------------|-----------------------------|
| THUNERS DISPERS | ints | GROUP 14 | | | | | |
| DESCO | Organic thinner | | • | | | | MOST |
| FERRO-CAL | Iron complexed lignosulphonate | 6, 7. | | | ٠ | | MILCHEM |
| IDE-THIN | Lignosulphonate dispersant | 200 | 9 | ۰ | • | | 10 F. |
| IMCO KEN CAL | Oil wetting agent | 38 | mi | | | | IMCO SERVICES |

| DESCO | Organic thinner | | | MOST |
|----------------------|--|-----------------|---------|-----------------|
| FERRO-CAL | fron complexed lignosulphonate | 6, 7. | | MILCHEM |
| IDE-THIN | Lignosulphonate dispersant | 100 | | 10 F. |
| IMCO KEN-CAL | Oil wetting agent | 10 | | IMCO SERVICES |
| IMCO LIG | Processed lignite | 26 P/7 | | IMCO SERVICES |
| IMCO-PHOS | Sodium tetro phosphale | ناو و و و | 0.0 | IMCO SERVICES |
| MCO OBT | Quebracho | | 0 0 | IMCO SERVICES |
| IMCO RD-III | Blended tignosullonate | Pi6 Pil | 000 | IMCO SERVICES |
| IMCO RO 2000 | Chromefree lignosulfonate | SE 97 | 0000 | IMCO SERVICES |
| IMCO THIN | Causticized lignite | P(5) P/7 | 000 | IMCO SERVICES |
| IMCO VC-10 | Ferrochrome lignosulfonate | 8/6 F/F | 0 0 0 | IMCO SERVICES |
| LIGNITE | Lignite | 7 | | ALL |
| LIGNITE, CAUSTISIZED | Lignite, caustisized | V 7 | 0 0 0 | ALL |
| MAGCO CFL | Chrome lignosulfonate | | | MAGCOBAR |
| MAGCOPHOS | Sodium tetraphosphate | | | MAGCOBAR |
| MIL-FLO | Polyflavinoid compound | | | MILCHEM |
| MIL-QUEBRACHO | Pure Quebracho extract | | | MILCHEM |
| MIL-TEMP | Polymeric deflocculant for elevated temperatures | کا انت کے انت ا | 0 0 0 0 | MILCHEM |
| DILFOS | Sodium fetra pyrophosphate | | 0 0 | MILCHEM |
| OMC | Degellant for organophilic clays | | | BAROID |
| 007 | Caustisized lignite | 6 7 | 0 0 0 0 | ACE MUD SERVICE |
| PELTEX | Ferrochrome Ignosulphonate | .63 | 0 0 0 0 | MOST |
| 11 80 | Chrome lignosulphonate | 2 2 | | BAROID |
| Q-BROXIN | Ferrochrome lignosulphonate | | 0 0 0 0 | BAROID |
| | Quebratho Iannin Extract | | 4 0 4 0 | MOST |
| RAYUAN | Chrome tignosulphonate | | 0000 | MOST |
| SAPP | Sodium acid pyrophosphale | | 0000 | ALL |
| SPERSENE | Chrome lignosulphonate | | 0000 | MAGCOSAR |
| SUPER LIG | Lignite | | | CANAMARA |
| TARN A THIN | Lignite | | 0000 | MAGCOSAR |
| UNI-GAL | Chrome lignosulfonate | 100 | 2000 | MILCHEM |
| XXB-THIN | Deflocoulant for potassium muds | | | MILCHEM |
| XP-20 | Chrome Lorste | 7 | | MAGCOBAR |

| AP 78 | Polymeric viscositier | | | ANY AND SCRIPPS |
|---------------|---|-------------------|---------|--------------------------|
| ACE BEN | Sodium polyaeylate | | 0 0 | ACE MUD SERVICE |
| AOUAGEL | Sodium type montmorillonile | 9/7 | 0 0 0 0 | BAROID |
| AQUARI | Stabilized HEC & sized carbonales | 7 10 | | BRINADD |
| ATTAPULGITE | City viscosilier for saft water systems | | 00 | MOST |
| BARAVIS | Pure hydroxyethyl cellulose | | 0 0 0 | BAROID |
| BARAZAN | High molecular wt polysaccharide | | P 0 0 0 | BAROID |
| REN-FX | Co-polymer, Socrulant and clay extender | | 0 0 | MOST |
| REX | W/calgium carbonale stabilized HEC | | 0000 | BRINADO |
| BRONCO GEL | Sodium Montmonifonite | | 0 4 0 0 | BRONCO |
| CAN AM GEL | Wyoming bentonite | 1 | 0 0 0 | CANAMARA |
| CARBO-GEL | Oil mud: suspending agent, viscosifier | | - | MILCHEM |
| CYANAMER 292 | Polymer | | 0 0 0 | WYO-SEN |
| | Organic viscosifier | | | 1.D.F |
| DRIL-FLU#1 | Hec polymer based non thiretropic Ruid | | 0000 | DCW FLUID PRODUCTS |
| DRILLTEX | Polymer and sized carbonates | 2.0 | 0000 | SUPERIOR MUD SALES |
| DUOVIS | XC polymer | | 0000 | MAGCOBAR |
| DV-68 | Bentonite extender | | | I.D.F. |
| DUROGEL | High lemp, magnesium silicate clay | کا آگا ہے اور اور | 0 0 0 | IMCO SERVICES |
| IOF-EX | High yield bentonite extender | ہ کا کہ اور اور | | 10F |
| FLOSAL | Shredded asbesios | | | MOST |
| GELTONE | Oil mud geiling agent | ب النام ال | | BAROID |
| | Seproste ctay | | 0000 | MAGCOBAR |
| HIGH YIELD | High yield bentonite | | | REEF MUD |
| HYDROGEL | Wyoming bentonite | | 0 0 0 | WYO-BEN |
| | Polyacrytamide viscositer | | 0 0 0 | WYO-BEN |
| | Calcium magnesium silicate fibres | | 0000 | IMCO SERVICES |
| IMCO BRINEGEL | Attapulgite clay | | | IMCO SERVICES |
| IMCO GEL | Sodium montmonifonite | 10 | 0000 | IMCO SERVICES |
| IMCO GELEX | Sodium polyacrylate | | | IMCO SERVICES |
| IA/CO-HYB | Extended Bentonite | الأنتاج والا | | IMCO SERVICES |
| IMCO KEN-GEL | Organophilic day | | • | IMCO SERVICES |
| IMCO-KLAY | Calorum montmonitionate | 10,1 | | IMCO SERVICES |
| IMCO-XC | Xanthan guits | | 0000 | IMCO SERVICES |
| INDE GEL | Wyoming bentonise | | 0 0 0 0 | INDEPENDENT MUD SERVICES |
| KARI | Stabilized HEC | | | MOST BRINADD |
| KELZAN AL | Crossed linked XC | | | MOST |
| KELZAN XC | Carbohydrate biopolymer | | | |
| KIM-MUD | Polymer and sized carbonate | 7 10 | 0 0 0 0 | SRINADD |
| KWIK THIK | Hi-yield bentonite | | 0 0 0 0 | MAGCOBAR |
| KWIK VIS | Acresol | | 0 0 0 0 | WYO-BEN |
| LIQUI-VIS | Dispersed liquid HEC | | | BAROID |
| MAGCOGEL | Wyoming bentonite | 7 | | MAGEURAN |

GROUP 15

| CDAT-129 | Oxygen scavenger & scale inhibitor | | | | 0 | | | | BAHUIU |
|-----------------------|---|------|-----|-----|---|-----|----|---|--------------------|
| COAT-415 | Filming amine | | | | E | | | | BAROIO |
| COAT-777 | Liquid oxygen scavenger | | | | B | | | | BAROIO |
| COAT-888 | Dxygen scayenger | | 1 | | | | 0 | | BAROID |
| COAT-81400 | Film forming amine salt | | | | ī | E | • | | BAROID |
| COAT-C1815 | Filming amine | | | | • | | | | BAROIO |
| CORROSION INHIBITOR | Zinc chloride and sodium dichromate | | | | ٥ | 0 | | Ш | WYO-BEN |
| DRILL AID 412 | Amine compound | | | | 0 | | 0 | | MOST |
| I D F SCALE INHIBITOR | Polyphosohate scale inhibitor | | | | | 0 | | | 1.0.F. |
| IMCO SULF-X II | Chelated zinc compounds | | | | | | 0 | т | IMCO SERVICES |
| IMCO SULF-X II | Multi-purpose corrosion inhibitor | | | | | | 0 | т | IMCO SERVICES |
| IMCO X-CORR | Oxygen scavenger | - | + | 0 | | 0 | 0 | + | IMCO SERVICES |
| | Zinc compounds | | | | | | | | IMCO SERVICES |
| IMCO SULF-X II | H ₂ S scavenger and oxygen scavenger | 1000 | +++ | | | i i | 0 | + | ALL |
| IRONITE SPONGE | Amine type inhibitor | | | | | | | + | MAGCOBAS |
| MAGCO INHIBITOR 101 | Amine rype inhibitor | - | | | | | | 1 | MAGCOBAR . |
| MAGCO INHIBITOR 202 | | | | | | | | t | MAGCOBAR |
| MAGCO INHIBITOR 303 | Amine type inhibitor | | | | | | | | MILCHEM |
| MIL-GARD | H ₂ S scavenger — zinc carbonate | | | | 0 | | | + | MILCHEM |
| MILGARD R | Chelated zinc lignosulfonate | - | | - | f | H | H | н | |
| MUD-PAC | Corresion inhibitor for solids laden packer fluids | | | | В | | | | MILCHEM |
| NOXYGEN | Catalyzed sodium sulphite power | | | | • | Б | Βi | т | MILCHEM |
| NOXYGEN L | Liquid oxygen scavenger | | | | Ħ | ı | mt | 1 | |
| HOW FOLDS & | - ammonium bisulfite | | | . 0 | | | 0 | 1 | MILCHEM |
| 0S-1 | Catalyzed sodium sulphite | | | | | ⑫ | | | MAGCOBAR |
| OSI-L | Anmmonium bisuffite catalyzed | | | | • | | | | MAGCOBAR |
| OSTEX | 70% Ammonium bisulfite | | | | | | | | SUPERIOR MUD SALES |
| PRO-FILM | Film forming amine | | | | e | • | 0 | | PROTEC MUD |
| PERMA-SILM | Film ferming corrosion inhibitor | | | | 0 | ē | • | | IMCO SERVICES |
| PIPE-GARD | Inhibitor for oxygen corrosion | | | | | ۰ | | Т | MILCHEM |
| PRO-SCALE | Phosphonate scale inhibitor | | | | • | 0 | ٥ | П | PROTEC MUD |
| PRO-SCAV | Sodium sulphite powder | | | | • | 回 | 0 | | PROTEC MUD |
| PRO-SCAV A | Ammonium bisulphite | | | 0 | | ០ | 0 | Т | PROTEC MUD |
| PRO-SCAV S | Sodium bisulphite | | | | • | ō | • | | PROTEC MUD |
| PRO-3 | Inhibitor for pipe on racks | | | | | ii | Ξi | | MULCHEM |
| R-2264 | Filming amine | | | | | | • | | REEF MUD |
| REEF On | Catalyzed sodium sulphite | | | | 0 | ۰ | 81 | | REEF MUD |
| SI-1000 | Organic phosphate scale inhibitor | | | | 0 | o | • | | MAGCOBAR |
| SAFEGUARD 5000 | Amine base corrosion inhibitor | T PI | | | | | • | | 1.0.F. |
| SAFEGUARD 5500 | Oxygen scavenger | | | | ٠ | ō | | 1 | I.D.F. |
| SCALE-BAN | Scale inhibitor | | | | | 茵 | • | T | MILCHEM |
| SCAVOX | Ammonium bisulphite | | | | | o | 0 | | UNITED MUD |
| SCAVOX | Oxygen scavenger | | | | 0 | 9 | 0 | | HIGH STANDARD |
| SALT INHIBITOR | Amino acid amides | | | | | | | | REEF MUD |
| SODIUM BIGHROMATE | Sodium dichromate dihydrate | | | | ۰ | | | т | WYD-BEN |
| SODIUM CHROMATE | NA,CrO ₄ 4H ₂ O | | | | • | • | ۰ | T | MOST |
| SODIUM HEXAMETA | (NaPO ₃) _n | 1 | | 0 | 0 | d | ۰ | t | WYO-BEN |
| PHOSPHATE | 0.00 | | | | | | | | |
| SODIUM SULPHITE | Dxygen scavenger | | | 0 | o | 0 | 0 | | MOST |
| UNI-STEAM | Corrosion inhibitor for geothermal environments | | | | | | | 0 | MAGCOBAR |
| ZAC 12 | Zri tetra ammonium carbonale | | | | D | | | | CANAMARRA SUPPLY |
| ZINC CARBONATE | H ₂ S sorverger | | | | • | 0 | | | ALL |
| ZINC KNOCKOUT | H ₂ S scavenger | | | | • | | 91 | ш | UNITED MUD |
| ZINC-0-LITE | Liquid H ₂ S scavenger | | | 1 | | | • | | CANAMARRA SUPPLY |
| ZINC-D-MATE | H ₂ S scavenger | | | | • | ٥ | 0 | | CANAMARRA SUPPLY |
| ZINC-O-SPONGE | Hi surface area ZnCO ₃ | | | | • | | 0 | | CANAMARRA SUPPLY |
| ZINC-D-ZORB | H ₂ S scavenger | | | | • | • | • | | CANAMARRA SUPPLY |

| | | GROUP 5 | | | | | | | |
|------------------|---|------------------------|-----|---|---|---|---|---|--------------------|
| LUMINUM STEARATE | Aluminum stearate powder | | | | ۰ | 0 | | | ALL |
| BARA-DEFOAM I | Surface-active defoamer | ا کا کا کا ا | 0 | | 0 | ٥ | | - | BAROID |
| BREAK | Metallic sterrate dispersed in alcohol | | | ٠ | | ٥ | | 0 | BRINADO |
| RONCOEFOAM | Surface acting defoamer | | | ō | | ٠ | | | BRONCO |
| DEFOAM | Aluminum sterrate dispensed in diesel | | | Ē | | 0 | | 0 | BRINADO |
| DEFOAM-2 | Water miscible for polymer systems | | 0 | | | | | | BRINADD |
| D-FOAM | Alcohol defoamer | | | | 0 | | | | 1.D.F. |
| DEFOAMER I.D.F. | Alcohol blend | ا کہ کے کہ اُن | . 0 | D | | | | | 1.0.F. |
| DEM | Polyalcohol ester and surfonated vegetable oil | | | | | 0 | | | SUPERIOR MUD SALES |
| MA CONCENTRATE | Alcohol and surfacent bland | | | ٥ | | | | | WYO-BEN |
| MCO DEFDAM | Sedium alkyl aryl suifenate | ا عنا عنا عال | | | | | | | IMCO SERVICES |
| MCO FOAMBAN | Surface active defoamer | | | ٥ | | | | П | IMCO SERVICES |
| INO-FOAM | Blend of metallic stearate in hydrocarbon carrier | | | o | 0 | • | ۰ | | DOW FEUID PRODUCTS |
| | Nenhydrocarbon defoamer | | | o | | • | | | MILCHEM |
| MAGOD FOAMCHECK | Deloamer | ا کا ان کا ا | | | ٠ | | | | MAGCOBAR |
| | Octyt alcohol | | | 0 | 0 | 0 | | | MAGCOBAR |
| AC-DEFOAMER | Liquid general purpose | | | • | 0 | ō | | | MILCHEM |
| | Surface active detoamer | | 0 | 0 | • | 0 | | | HOWCO |
| EEF DEFOAM | Alcohol compounds | ا عن الله الله الله ال | | Ö | • | o | | | REEF MUD |
| URFLO W200 | Surface-active defoamer | | | ٥ | ٠ | ۰ | | T | BAROID |
| URFLO W300 | Surface-active deleamer | | | ٠ | ۰ | ۰ | | | BARDID |
| O DEFOAM | Alcohol base deloamer | | | 0 | • | 0 | | | MILCHEM |
| L DEFOAMER | Alcohol defoamer | ر کر کے کے ا | | • | | | | | UNITED MUD |
| WYO-FOAMER | Acueous emulsion defoamer | | | | 0 | | | | WYO-BEN |

This chart has 16 major function groups, each group identified by a color code and group number. Each product is listed once under the major function group that indicates its primary function. Other functions (both primary and secondary) are indicated in the "Other Functions" column and referenced by color coding and group number. If a product has more than one primary function, this is indicated in the "Other Functions" color coded boxes by a "P". Other functions are secondary unless denoted by a "P".

| CFS & S DRILLING FLUID | Polymer based, acid solutée, non-damaging fluid system | 10 | L | 4 | | | Ŀ | | Ŀ | | CANADIAN FLUID SYSTEMS |
|------------------------|--|---------|----|---|---|---|---|---|---|---|------------------------|
| CHEM-TROL X | Polymer blend: for salt calcium and high temperature contamination filtration problems | 1 | | | | | | | ı | | MILCHEM |
| CMC | Carboxymethylcellulose | | | | | 0 | ٥ | | | | ALL |
| CYPAN | Sodium polyacrylate | | | | | В | D | | | | MOST |
| DEXTRID | Partially destricted polysacchande | | | | | | Ē | ٥ | • | | BARDID |
| DRILL AID 425 | Sodium priyacrylate | 0.0 | | | | 0 | o | 0 | a | | MOST |
| DRISCOSE | Sodium carboxymethyl cellulose | 831 | | | | | ō | | o | | MOST |
| ORISPAC | Polyanionic cellulose | lasi | | | | | o | | d | | MOST |
| DRISPAC-SUPER LOW | Polyaniosic cellulose. | | | | | | 6 | 6 | 茵 | | MOST |
| DURATONE | Organophiic colloid powder | | | | | | i | | = | 0 | BAROID |
| DURENEX | Temperiflure stable agranc powder | | | | | | 匵 | | 酉 | | BARDIO |
| DV 22 | Fluid loss control agent for oil muds | | | | | | | | | | MAGCOBAR |
| FL 3 | Water saluble hydro colloids | | | | | | | ō | | | BRINADD |
| FL 4 | Water soluble hydro colloids | | | | t | | | | 0 | 7 | BRINADD |
| FLOTEX | Lipnosulphonates, carbohydrates, carbonates | 10 | | | | 菌 | 茵 | 茵 | | | SUPERIOR MUD SALES |
| PLR-100 | Polymeric fluid loss reducer | 100 | - | | | | 0 | | 0 | | 1.0 F. |
| HI-TEMP | High temperature fluid loss reducer | | | | | | | 0 | 0 | | ID.F. |
| IDFLO | Non-viscositying fluid loss reducer | | | | | | | 0 | 0 | 0 | 1.0.F |
| HMA | Salt mus blend | | | | | | | 0 | 0 | | WYO-BEN |
| IMCO LOID | Prepelainized corn starch | | | | | | 0 | 0 | 0 | | IMCO SERVICES |
| IMCO PERMALDID | Organic polymer | | U | | | | 0 | | | | MCO SERVICES |
| IMCO POLYSAFE | Multipurpose polymer | | | | | 0 | • | 0 | 0 | | IMCO SERVICES |
| IMCO VR | Asphatic resin | 1878 | | | | П | | | | 0 | IMCO SERVICES |
| IMPERMEX | Precelatrized starch | | | | | | • | | • | | BAROID |
| K-LIG | Potassum lignite derivative | | | = | | | 8 | • | | 7 | BAROID |
| LIGCO | Ligate | 100 | RI | | | | 0 | 0 | 0 | | MILCHEM |
| LIGCON | Causticred Lightle | 9/6 | | | | | | | | = | MILCHEM |
| LOLOSS | Guar Gum | | | | | | | ñ | • | H | MILCHEM |
| MAGGO POLYPAC | Polyznionic cellulose | 1000 | 7 | - | | | | F | | 7 | MAGCOBAR |
| MAGCO POLYPAC-ULTRALO | Polyanonic cellulose | | | | | | | | 0 | | MAGCOBAR |
| | | | _ | | | | | | | Ħ | MAGCOBAR |
| MAGCO POLY SAL | Modried poly-sacchande | | | | | | H | H | Ť | | WYO-SEN |
| MC 500 | Fluid loss control | No. | = | - | | | | • | | H | MILCHEM |
| MILCHEM CMC | Sodium carboxyl methyl cellulose | | | - | - | ш | - | - | = | - | MILCHEM |
| MIL-CON | Neutralced heavy metal modified lightle | | = | = | - | - | 0 | 6 | | + | |
| MILSTARCH | Pregelatned starch | | - | | - | • | | - | 0 | + | MILCHEM |
| MON-PAC | Polyanionic cellulose | | _ | 9 | | • | 0 | | • | - | WYO-BEN |
| MON COSE | Sodium carboxymethyl cellulose | illust. | _ | _ | - | 0 | • | - | - | + | MOST |
| MYLO GEL | Pregetatnized starch | | | | | • | | • | • | - | MAGCOBAR |
| NYMCEL | Carboxymetacellulose | | _ | | | 0 | | • | 0 | - | MOST |
| PERMA-LOSE | Hydrophilic organic polymer | | | | | | • | • | | 4 | MILCHEM |
| POLIHEAL | Polymer blend | | | | | | • | ۰ | | 4 | BRINADD |
| POLY RX | High temperature polymer | | | | | • | | 0 | | 4 | IMCO SERVICES |
| POLYS | Satium polyacrylate blend | 100 | | | | | | • | | 4 | WYO-BEN |
| POLYTEX | Polymers, sized carbonales | | | | | | • | | | 4 | SUPERIOR MUD SALES |
| REEF CARB | Calcium carbonate | Its | | | | | | 0 | | 4 | REEF MUD |
| RESINEX | Synthetic resin | | | | | | Б | • | 0 | 4 | MAGCOBAR |
| SALEX | Sodium polyacrylate blend | | | | | | | 0 | • | | WYO-BEN |
| SF-100 | Mixed deophilic powder | 12.00 | | | | 0 | | • | • | | 8AROID |
| SLUGHEAL | Calcium carbonate base workover systems | | | | | | | 0 | 0 | | BRINADO |
| SOLUKLEEN | Dil-soluble resin base workover systems | | | | | | | 0 | • | | BRINADD |
| SP-100 | Acrylonifrile polymer | | | | | | | | | | IMCO SERVICES |
| STAFLO | Polyanenic celtilose powder | 100 | | | | | | | | | • MOST |
| STARCH | Pregelatorzed starch | | | | | 0 | 0 | 0 | | П | ALL |
| STARLOSE | Nontermenting organic polymer | | | | | | | | | | MILCHEM |
| TS301 | Lignosuffonate complex | | - | | | | | | ò | + | BRINADD |
| UNI-DRILL | blend sodium polyacrytates | 2 | | | | ä | ä | | | 1 | WYO-BEN |
| OHEODILLE | One of the state o | Sec. of | - | | | - | - | - | | - | MOST |

| | | | GROL | JP 8 | | | | | | |
|-----------------|---------------------------------------|-----|------|------|---|---|----|---|---|--------------------------|
| AP-EX | Bestonse extender | | | | | | | | | APEX MUD |
| ACE FLOW | Poly acrylamide | | | | | | | | | ACE MUD SERVICE |
| BARAFLOC | Acrylamide polymeric hydrolife powder | | | | | | 0 | ۰ | П | BAROID |
| BEN EX | Co polymer | | | | | | | | | MOST |
| BRONCFLUC | Polyacrylamide | | | | | ٠ | | ۰ | | BRONCO |
| CROSFLOD CFA-70 | Total flocculant P/12 | | | | | | | | | HART CHEMICAL |
| CROSFLOC CFN-10 | Selective fiseculant | | | | | | | • | | HART CHEMICAL |
| CYFLOC | Synthetic flocoplant | | | | | | | | | MOST |
| 0F-19 | Selective flacculant | | | | | | | 0 | | LD.F. |
| 0F-20G | Total floccutarii | | | | | | | | | 1.D.F. |
| DRILL AID 420 | Polymer | | | | | | | | | MOST |
| DRILL AID 421 | Floccelant polymer | | | | | | | | | MOST |
| ORIL-SOL | Polymer blend | | | | | | 0 | ۰ | | WYO-BEN |
| FLOCCULANT | Anionic polyacrylamide | | | | | | | | | WYO-8EN |
| FLOXIT | Clay flocculant | | | | | | | | | MAGCOBAR |
| IMCO FLOC | Polyacrylamide | | | | | | | | | IMCO SERVICES |
| MCO SUMPFLOC | Clay (locoplant) | | | | | | | 0 | П | IMCO SERVICES |
| NDE FLOC | Clay (loccitize) | | | | | • | | | | INDEPENDENT MUD SERVICES |
| K-FLOC | Liquid flocculant | | | | | | • | • | | KEN HAM |
| LIME | Ca(OH) ₂ | P/1 | 4 | 30.1 | | | 0 | | | • ALL |
| MF-1 | Selective flocculant | | | | | 1 | • | | | MOST |
| MILEX | Co-polymer | | | | | | | | | MILCHEM |
| POLY SEC | Flocculant extender | | | | | | 0 | | П | AMERICAN COLLOID |
| PRO-FLOC | Polyacrylamide | | | | | 9 | • | | | PROTEC MUD |
| RAPIDRIL | Organic polymer | | | | | | | | | MAGCOBAR |
| SALT | NaCl | | | | | | ۰ | • | | ALL |
| SELEC-FLOC | Selective flocculant | | | | 0 | | | | | APEX MUD |
| SEPARAN | Clay flocculant | | | | | • | • | | | MOST |
| SHERWELL X 10 | Polymeric bentonite extender | | | | | | | | | CANAMARRA SUPPLY |
| SUPER GEL | Highyleld clay | | | | | | 18 | • | | AMERICAN COLLOID |

| | | GROUP 9 | | |
|----------------|------------------------------------|---------------------------------------|---|---------------|
| ADD FOAM | Anionic surfacent | ا نَدْ كِنْ هَا هَا كَ لَكَ الْكَلَّا | | REEF MUD |
| AIR-FOAM | Anionic surfactant | ا کریں نے نے نے کے 🗀 🖂 | | WYO-BEN |
| AMPLI-FOAM | Biodegradeable cationic surfactant | | | MILCHEM |
| BRINEFOAM | Anienic feaming agent | | | BRINAGO |
| DRILFOAM | Foaming agent for water | ر و کا نیا کا کا او او اس | | BAROID |
| GEL-AIR | Anionic feaming agent | | | MILCHEM |
| I.D.F. HI-FOAM | Fearning agent | 1001111111 | | 1.D.F. |
| IMCO FOAMANT | Biodegradeable surfactant | ر و و و و و و ف نو | | IMCO SERVICES |
| QUIK-FOAM | Biodegradable foaming agent | | | BAROID |
| RAPID FOAM | Foaming agent | ا و نگر کا کے کری وہی | | MAGCOBAR |
| WYO-FOAMER | Foaming Agent | 282 | 0 | WYO-BEN |

| ANAMOL Anomes and resonant designed to ANAMOL Weighted sporting study ANAMOL Weighted sporting study ANAMOL ANA | | GROUP 11 | | WYO-BEN I.O.F MAGCOBAR MAGCOBAR MAGT WYO-BEN BAROID MOST |
|--|------------------|------------|---------------------------------------|--|
| AGALARPT Wegelet spring fluid \$2.23 BARSE REAVYWATE Springs fluid for sinch poe with via \$5.000 per left | | | | MICHEM WYCSEN I OT SENDER MACCORAR MACCORAR MACCORAR MACCORAR MAST MOST WYO-SEN MOST MOST MICO SERVICES |
| 2,22 — Bennine sanktarte furmaria BEREE EALY WATE E. P. Muhrania BT LUBE E. P. Muhrania BT LUBE Desir Di Visitabile Dell' LA 0.050 — Orea di di visitabile LE 2 SPOT — Orea de connectate Graphite LA 0.050 — La 1.050 — Orea di di visitabile MADO I EL 1978 — Acono cuntra di di ci. MADO I SELPPI ALONO CUNTER a delle signiti MADO I SELPPI Benda Nobro come materiasi CARLO TELE PI Sorticatati di cere pie Cubel' TO Organia Giudi Componente. CIRETTA DI SA SALOS — Planta culture Di Sa di surfacenta Di Sa di surfacenta Planta Capita ne ben'archi Planta | viscositer | | | WYG-SEN ID T MACCOBAR |
| EFFEE FACT WATE Springs fluid for thick pipe with visit ULBE F blockors OC-3 Osea of this statistic political po | riscositer | | | MAGCOBAR MAGCOBAR MAGCOBAR MOST WYO-BEN BARDID MOST MOST MOST MOS SERVICES MIMOD SERVICES |
| BREE EARLY WATE Sombling flow for thick pipe with visit USBE II. P. Microsoft Sombling for the pipe with visit USBE II. P. Microsoft Sombling Sombl | risconter | | | MAGCOBAR MASCOBAR MASCOBAR MOST WYO-BEN BARDID MOST IMCO SERVICES IMCO SERVICES IMCO SERVICES UNITED MUD MINOS SERVICES |
| DOS 3 Desid of similare DOSLLAD do Symbol on DOSLLAY Trope refloring agen EX 9071 Of mod connection CALIFORT CALIFORT CALIFORT CALIFORT CALIFORT MAD QUART CALIFORT CALI | | | | MAGCOBAR MOST WYO-BEN BAROID MOST MOST MOST MOST MICO SERVICES |
| SPILL XD .050 Symthet on SPILL X Torque reforming agent E Z SPOT Of mis dementate Compone NACO SPILLS Softwares Eal of MACO SPILLS ADMOS SPILLS ADMOS SPILLS Bended bishorone instruction MACO SPILLS Bended bishorone instruction SPILLS | | | | MOST WYO-BEN BARDID MOST MISS HINCO SERVICES INCO SERVICES INCO SERVICES UNITED MUD MISS HINCO SERVICES MISS HINCO SERVICES MISS HINCO SERVICES |
| DRILLY Torpe rendering agent £2 FSPT Of med cannestate GRAPHET Cappine MAD SP LUSE Software failed and MAD SP LUSE Software failed and MAD SP LUSE Software failed and MAD SP LUSE Software failed agent MAD SP LUSE SOFTware failed agent MAD SP LUSE SOFTware failed agent MAD SP LUSE SOFT SOFTware failed agent MAD SP LUSE SOFT SOFTware failed agent MAD SP LUSE SOFT SOFTware failed agent LUSE SOFT Cappine LUSE SOFT Cappine LUSE SOFT Cappine LUSE SOFT SOFTware failed agent LUSE SOFT Cappine LUSE SOFT SOFT SOFT SOFT SOFT SOFT SOFT SOFT | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | WYO-BEN BARGID MOST IMCO SERVICES IMCO SERVICES IMCO SERVICES UDITED MUD IMCO SERVICES |
| E 2 SOTT OI mod commission Graphie Graphie Graphie MOD DE LUBE Softwares Est est MOD DEEDING Above Surface active agent MOD DEEDING Above Surface active agent MOD GUERN ALEER Beneded bibrication instension MOD GUERN ALEER Beneded bibrication instension Surface South Complete CUBE TO Complete Count Complete CUBE FOOT Complete CUBE FOOT Complete FORMS COUNTRY BENEFIT Plants Cubern belovant Forms Complete Forms Co | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | BARDID MOST IMCO SERVICES IMCO SERVICES IMCO SERVICES UNITED MUD IMCO SERVICES |
| GRAPHIE Oraphie NOTO SE LUSE Softmande Six or NACO SELECT ALLOY AND | | | 0 0 0 | MOST IMCO SERVICES IMCO SERVICES IMCO SERVICES UNITED MUD IMCO SERVICES |
| INCO SP USEE Softmand List or INCO SPECIAL STATES AND SEASON SHEEP SEASON SHEEP SEASON SHEEP SEASON SHEEP SHEEP SHEEP SHEEP SHEET SHEEP SH | | | 0 0 0 | IMCO SERVICES IMCO SERVICES IMCO SERVICES UNITEO MUD IMCO SERVICES |
| IMOD REPEPPE Aconoc surface admire agent MAGO LUBRI XEEN Benede hibercation materials KAM RREE Surfaction to free giper LUBE TOB Organic liquid compounds LUBE KOTT Graphin LUBERS OF Barrier Surfacinits LUBRA-SEADS Plastic Sphere submant | | | 0 0 0 | IMCO SERVICES IMCO SERVICES UNITED MUD IMCO SERVICES |
| JMCO LUBRI KLEEN Benedid fubrication materials KIJM FREE Surfaction to free pipe LUBE 106 Organic lloyd compounds LUBE KOTE Graphile LUBEREX Off and surfacents LUBEREX Plasts spows behinant | | | 0 0 0 | IMCO SERVICES UNITED MUD IMCD SERVICES |
| XUAN FREE Surfactant to free pige TUBE TOS Organic figure compounds TUBE KOTE Graphite TUBETEX Oke and surfaciants TUBETEX Plastic sphere lubricant | | | 0 0 0 | UNITED MUD IMCO SERVICES |
| LUBE 106 Organic liquid compounds LUBE KOTE Graphite LUBETEX Oils and surfacents LUBRA-BEADS Plastic sphere febricant | | | | IMCO SERVICES |
| LUBE KÖTE Graphite LUBETEX OSs and surfacents LUBRA-BEADS Plastic sphere lubricant | | | | |
| LUBETEX Oils and surfacents LUBRA-BEADS Plastic sphere lubricant | | | 000 | MAGCORAR |
| LUBRA-BEADS Plastic sphere lubricant | | | | |
| | | | 4 0 0 | SUPERIOR MUD SALE |
| LUBRIGLIDE Thermo-plastic polymer | | | | · · BAROID |
| | | | | a • • 1.0.F. |
| LUBRI-FILM E.P. lubricant | 4 | | | MILCHEM |
| LUBRI-SAL Nonpolluting fubricant | | | | MILCHEM |
| MAGCOLUBE Biodegradeable lubricant | | | | MAGCOBAR |
| MIL-FREE Diesel oil spotting fluid | | ا شا سا شا | 0 0 0 | MILCHEM |
| NO-STIK Surface active agent | | | | • MOST |
| SHERSPOT Spotting compound | | | | CANAMARRA SUPPLY |
| SOLTEX Sodium asphalt sulphonate | | | 0 0 0 | ■ MOST |
| SPOT Oil base spotting fluid | | | | IMCO SERVICES |
| SUPER-LUBE-FLOW Gilsonite | | | | MOST |
| TOR-L.D.F Biodegradeable forque reducer | | | 000 | • 1.0.F. |
| TORO-TRIM Biodegradeable blend of triglyceride | les and alcohols | | 0 0 0 | BAROID |
| TORQUE-LESS DII-170 Friction reducing glass beads | | | | MILCHEM |
| WONDERSEAL Blend of hydrocarbon resins | | | 0 0 0 | MAGCOBAR |

| AMMONIUM SULPHATE | Ammonium sulphate | | | MOST |
|--------------------|------------------------------------|------|---------|------------------|
| BARAFLOC B | Organic polymeric hydrolite powder | | | BAROID |
| CALCIUM CHLORIDE | Calcium chloride | P/id | | MOST |
| CROSFLOC CFA-70 | Polyacrylamide P/8 | | 0 0 0 0 | HART CHEMICAL |
| OAP | Diammonium phosphate | | | MOST |
| DETERGENT | Detergent | | | MOST |
| ENKAPSULATOR | Polyacrylamide | | | UNITED MUD |
| FL-I | Improved organic polymer | 22 | | MOST |
| 4M + 4 | Hydrolized polyacryl amid | | | MAGCOBAR |
| GYPSUM | Calcium sulphate | 7 | | MOST |
| H-S POLYMER | Polyacrylamide | | | BAROID |
| IMCO HOLE COAT | Asphallic solids | | | IMCO SERVICES |
| IMCO IE PAC | Caustized potassiem lignite | 8月 1 | 0000 | IMCO SERVICES |
| IPI-WD | High softening point asphalt | | | MILCHEM |
| MIL-SOS | Hydrolized polyacrytamide | | | MILCHEM |
| PLASTER | Calcium sulphate | | | ALL |
| POLYGUARD | Shale inhibitor | | | UNITED MUD |
| POLY PLASTIC | Shale stabilizer | 7 | | J.D.F. |
| POLY S | Shale slabilizer | | 0000 | CANAMARA SUPPLY |
| POTASH | Polassium chloride (KCL) | 16 | | MOST |
| RM-66 | Polymer | | | ALL |
| SALT | NaCi | 9/18 | | ALL |
| SHALE-GARD | Water dispersible asphalt | | 3 0 0 0 | MILCHEM |
| SHERSHALE | Asphaltic shale inhibitor | | 0 0 0 0 | CANAMARRA SUPPLY |
| SOLTEX | Sodium asphalt sulphonate | | | MOST |
| SS-100 | Shale encapsulator | | | 1.D.F. |
| SST 202 | Aluminum salt | | | MILCHEM |
| STABILHOLE | Blown asphalt | 35.7 | | MAGCOBAR |
| SULPHATE OF POTASH | K ₂ SO ₄ | | | MOST |
| SUPER LUBE FLOW | Gisonite | | | MOST |
| TARGUARD | Core protective | | 0 0 | 1.0.F. |
| X-PEL-G | Treated gilsonile | 7 | | MOST |

| MERCALL ACTIVE IN | BNIL | | G | ROUP | 13 | | | | | | | |
|--------------------|---|-----|---|------|-----|----|---|---|----|----|----|--------------------|
| AKTAFLO-S | Mixed oxyethylated phenois | | | | II. | | | o | 0 | | 0 | BAROID |
| CAN FREE | Surfacant for mixing w/oil to free pige | | | | | | | ٥ | | | | CANAMARA |
| CON DET | Mud delergent | | | | | 0 | | ۰ | | | 10 | BAROID |
| D.D. | Drilling mud detergent | | | | | 0 | | 0 | | | | MAGCOBAR |
| DRILLING DETERGENT | Drilling Detergent | | | | 1 | 0 | | ᡖ | | | | WYO-BEN |
| 0WA 76 | Wetting agent | | | | | 0 | | 0 | | | | WYO-8EN |
| 0X-10 | Drilling detergent | 16 | | | | | | ۰ | 10 | | | I.D.F. |
| H.M.E. | Nomenic surfacent | 6 | | | | | b | ٥ | | | | MOST |
| K-FLO | Nonionic surfacent | | | | | | | 6 | 88 | | | BARDID |
| MD-30 | Multi-functional drilling liquid | | | | | 0 | | | | | | WYO-BEN |
| MIL-CLEAN | Biodegradable detergent | | | | | 9 | D | 圈 | 0 | | | MILCHEM |
| MILCHEM MD | Detergent | | | | | 0 | 0 | | | | | MILCHEM |
| NO-STIK | Blend surface agents | | | | | | | 6 | | | | MOST |
| PIPE LAX | Surfacant mixed w/dieset to free gipe | | | | | E. | | 6 | • | o | | MAGCOBAR |
| PLASTER OF PARIS | CaSO4#1/2 HaO | | | | | | | 럽 | | | | ALL |
| PRETEX | Surface active agents | | | | | | | ٥ | r | | | SUPERIOR MUD SALES |
| SKOT FREE | Surfacant mixed w/diesel to free pipe | | | | | | | 0 | | | | BAROID |
| SURF-COTE | Oil welting agent | | | | | | | | | l. | | MILCHEM |
| SURFLO-H35 | Amonic phosphonate liquid scale inhibitor | RIG | | | | 0 | | | 0 | | | BAROID |
| SURFLO-S30 | Anionic biodegradable fearning agent | | | | | | | ٠ | ٠ | | | BARGID |
| WYO-GILSOL | Bitumen dispersant | | | | | 6 | | ٥ | 0 | | | WYO-BEN |
| X-PEL | Air blown asphalt | 1 9 | | | | | | | | | | MOST |

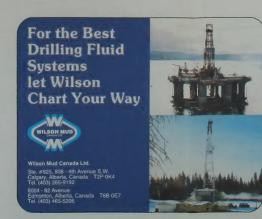
| distribution of the latest terminal to the latest terminal termina | | | | GROUP | 14 | | | | | and the same of |
|--|--|-------|---|-------|----|---|---|---|----|-----------------|
| ACE TAN | Lignossiphonale | 10.61 | | | | 4 | • | | 0 | ACE MUD SERVICE |
| CALCIUM LIGNOSULPHONATE | Calcium lignosulphonate | 7 | П | | | | | ٠ | | WYO-8EN |
| CARBONOX | Lignite humic acid powder | 6 | | | | | | 0 | di | BARDID |
| CC-18 | Solubilized sodium salt of lightic humic acid powder | | | | | | | | | BAROID |
| CF UNICAL | Chrome free lignosulfonate | 10 | 3 | | | | 0 | 0 | 0 | MILCHEM |
| CROMEXI | Chrome lightle | | | | | | | Б | 0 | MAGCOBAR |
| DAKOLITE | Grounic thinner | | | | | | 雷 | 層 | | RESE MILID |

| | nec paymer eased non incomplic hind | | - | - | - | | | | 110 | | + | DOW FLUID PRODUCTS |
|--|--|---------------|--------|----------|-------------------|------|-------|-----------|-------------|-------------|-----|--|
| | Polymer and sized carbonates | 20 | 60 | | | | | | | | | SUPERIOR MUD SALES |
| DUOVIS | XC polymer | | | | | | U. | 0 | | | Т | MAGCOBAR |
| DV-68 | | _ | | | 1 1 | | | Ť | fř | æ | н | I.D.E |
| | Bentonite extender | - | _ | - | - | | | + | + | - | + | |
| | High temp: magnesium silicate clay | | | | | | | | 0 | | | IMCO SERVICES |
| F-EX | High yield bentonite extender | | | | | | | | 0 | ası | т | T.D.F. |
| | High temp: magnessum silicate clay High yield bentorite extender Shredded asbestos | 10 | | | | | | | 0 | æ | н | MOST |
| ELTONE | Of most self-section | - | - | | - | - | ¥° | H- | 10 | - | + | BAROIÓ |
| | Oil mud gelling agent | | - | 1 | - | | + | + | + | | + | |
| EOGEL | Sepicité clay | | | | | | 0 | | 0 | 480 | | MAGCOBAR |
| | High yield bentonite | | | | | | T | | Т | | Т | REEF MUD |
| | | | | | | | 0 | | 1 | - | ۰ | WYO-BEN |
| | Wyoming bentonite | - | _ | | | | | | + | 4 | + | |
| YDRO-VIS | Polyacrylamide viscosifer | 1375 | | | | 9 | 0 | 0 | | ш | T. | WYO-BEN |
| MCO-BEST | Calcum magnesium sincate fibres | | | | | | 1 | × | | ä E | Ť | TIMEO SERVICES |
| MCO BRINEGEL | Attapulgite clay | 5300 | | | | | ۰ | - | 0 | | + | IMCO SERVICES IMCO SERVICES |
| MCO GEL | Production of | 100 | - | | - | - | + | + | | | + | TANCO SERVICES |
| IMCU OTE | Sodium montmonitorite | 200 | | | | 0 | 0 | 0 | 0 | -111 | | IMCO SERVICES |
| | Sodium polyaciylate | | | | 1 1 | | 11 | | ш | 850 | | IMCO SERVICES |
| | Extended Bentonite | | | | | | ۲ | | ۰ | æ | ۰ | IMCO SERVICES |
| IMCO KEN-GEL | Organophiko day | - | - | - | | - 10 | ٠ | + | н | | ٠ | IMCO SERVICES |
| THEO HER DEC | | - | | | | - | + | + | + | 112 | 1 | |
| IMCO-KLAY | Calcium montmorillonite | 100 | | | | | | | | 410 | | IMCO SERVICES |
| IMCO-XC | Xanthan gum | | | | | | 10 | 10 | 0 | ann | т | IMCO SERVICES |
| INDE GEL | Wyoming bentonite | - | | | | | | | | æ | + | INDEPENDENT MUD SER |
| | Carbinat MCC | - | - | + | - | | 88 | 10 | | | + | INVERENDENT MOU SER |
| KARI | Stabilized HEC | | | | | | | | | | 0 | |
| KELZAN AL | Crossed linked XC | 0 | | | | | li: | 10 | | aп | Т | MOST |
| KELZAN XC | Carbohydrate biopolymer | 8.8 | | | | | | | | æ | + | MOST |
| KIM-MUD | Polymer and sized carbonate | - | 10 | +- | | | | | | | + | |
| | | 1 | | _ | | | | | | | | BRINADO |
| KWIK THIK | Hi-yield bentonite | 7 | | | | | | | | ш | П | MAGCOBAR |
| KWIK VIS | Acresol | 1 | | | | | 0 | | 0 | | 1 | WYO-BEN |
| LIQUEVIS | Dispersed figure HEC | | | | | | | | | | Ŧ | |
| | Dispositu liquo nec | - | | - | | | ٠ | | | الإند | ш | BAROID |
| MAGCOGEL | Wyoming bentonite | | | 1 | | | | 0 | | | ø | MAGCOBAR |
| MILGEL | Sodium type montmonillanite | | | | | | b | | 0 | alli | ø | MILCHEM |
| | | | | | | | | | | | ď | |
| MIL-POLYMER 302 | Biodegradeable polymeric viscosities | - | _ | - | | . 0 | | | à | 240 | 1 | MILCHEM |
| MIL-POLYMER 303 | Polymer with bigoide | | | 1 | 1 1 | 0 | 0 | | 0 | au | 1 | MILCHEM |
| MIL-POLYMER 304 | Polymer with broaide | | | | | | 0 | | 0 | æ | т | MILCHEM |
| MIL-POLYMER 305 | Data and the control of the control | - | - | + | 1 | - | | | 0 | | + | MILCHEM |
| | Polysaccharide viscosifying agent | - | - | - | \longrightarrow | | | | | | 4 | |
| MIL-POLYMER 306 | High calcium and sall tolerant polymer | | | | | | | | 0 | alu | | MILCHEM |
| MON EX. | Bentonde extender | | | | | | т | Т | Т | т | т | MOST |
| NATURALGEL | | | | | | 0 | н | | | æ | ۰ | WYO-BEN |
| | Untreated bentonite | 1 | | | | | | 9 | | | | |
| NSM | Polymeric viscositier | 7 | | | 1 1 | | | | | 480 | П | 1.D.F. |
| PACTEX | Polymers and complexing compounds | | | | | | į, | | | ata | ۰ | SUPERIOR MUD SALES |
| PETROTONE | Constant in the constant of th | - | - | 1 | 1 1 | - | 16 | - | +3 | - | + | BAROID |
| | Organophino clay suspending agent | | _ | - | | _ | | | | 415 | ш | |
| POLIDRIL | Polymer bland | | | | | | 9 | 0 | | am | | BRINADD |
| POLYBRINE | Hu and calcium carbonate blend for brine system | 25 | | | | | т | 7 | 1 | | 1 | MAGCOBAR |
| POLY-FLO | Guar gum based fluid | - | - | - | - | - | 0 | 0 | | | + | DCW FLUID PRODUCTS |
| | | - | | - | \vdash | | 113 | | | | 4 | |
| POLY MIX | Polymer blend for brine systems | | | | | | 1 | | В | | | MAGCOBAR |
| POLY SEC K D | Bestonite extender | | | | | | B IC | T | Т | т | т | CANAMARA |
| PREMIUM GEL | Wyoming bentonite | | | | 1 | | i | 0 | | ate | + | AMERICAN COLLOIO |
| PRE-MIX | | - | - | | - | | | | | | + | |
| | Unpeptized API bentonite | 2 8 | | ᆫ | | | | | II. | | L | LD F. |
| PRO-EX | Flocculated extender | | | | | | 10 | IE | | • | | PROTEC MUD |
| PRO-FLU | Blend of polymers, fluid loss additives and | | | | | | т | | | - | + | |
| | | 1 | | | | | ١, | u. | Ш. | JIII | ш | DOMESTING PROGRESS |
| ***** | bridging agents | - | - | \vdash | + | | | | 1 | 4 | + | DGW FLUID PRODUCTS |
| OUIK GEL | High yield bentonite | - | | - | - | | 4 | | + | 40 | 4 | BAROID |
| QUIK-MUD | Suspension of concentrated viscositiers | 1 | | | | | | | п | ш | | BAROID |
| QUIK-TROL | Organic polymer | | | | | | 12 | | 0 | æ | + | BAROID |
| | | _ | - | | - | | | | | | + | |
| SALT GEL | Altapulgite ctay | | | _ | | | II. | | | <i>0</i> 10 | ш | MAGCOBAR |
| SALT MUD | Attaquiate clay | | | | | | | | lE | 481 | Ш | ACE MUD SERVICE |
| SALT WATER GEL | Attapulgite | | | | | | 0 | ш | | т | П | MILCHEM |
| | - Acceptance | - | - | | \rightarrow | | 1 | | | | ٠ | |
| SEA MUO | Processed seprolite | - | - | | | | μ | | 0 | 4 | н | WYO-BEN |
| SHERTONE | Organophillic clay | | | | | | ш | Ш | U | ШŔ | D) | CANAMARRA SUPPLY |
| SIGTEX | Polymers | | | | | | | | 0 | a di | П | SUPERIOR MUD SALES |
| S.M.R. | | + | | | | | | Ħ. | 0 | | н | 1.0 F. |
| | Pélyment viscosifier | | | | | _ | | | | | Ψ | |
| STAFLO | Polymer | 17 | | | | | Į, | | | 41 | ш | MOST |
| SOLUVIS | Polymer & sized resins | 7 | | | | | ø | | f | П | П | BRINADO |
| SUPER-COL | Modified high-yield bentonite | $\overline{}$ | | | - | | | - | | m | ۰ | MILCHEM |
| | | - | _ | - | - | | | | 100 | 4 | + | |
| SUPER GEL | Modified extra high yield wyoming bentonite | No. | | | | | 0 | | μ | ш | ш | CANAMAR |
| SUPER GEL X | High yield clay | | | | | | | | | allii | | UNITED MUD |
| | Pelletized asbestos suspending agent | | | | | | 0 | | | | nii | MOST |
| | Torontal ascessos suspeniumy agent | - | | | | | | ĸ. | ø | | н | |
| SUPER VISBESTOS | | | | | | | | | | | 0 | BRINADO |
| SUPER VISBESTOS THIKQUIK | No "Fish-aye" stabilized HEC | | | | | | | | 0 | | 0 | BRINADD |
| SUPER VISBESTOS | | | | | | | Ţ, | • | | | | BRINADO |
| SUPER VISBESTOS THIKQUIK THIX | Blend al polymers | | | | | - * | ď | 15 | ø | | | |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK | Stabilized thixotropic polymer | | | | | | | | | | | MAGCOBAR |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK VG-69 | Stabilized thixolropic polymer Getling agent for oil mud | | | | | | | | | | | |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK | Stabilized thixolropic polymer Getling agent for oil mud | | | | | | 0 | | | | П | MOST |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK VG-69 VISBESTOS | Blend of polymers Stabilized thisotropic polymer Getting agent for oil mud Shredded asbestos suspending agent | | | | | | | | | | F | |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK VG-69 VISBESTOS VISOUIK | Blend of polymers Stabilized throstropic polymer Gifling agent for oil mud Shredded astesion suspending agent Inorganic viscosities | | | | | | | | | | | MAGCOBAR |
| SUPER VISBESTOS THIKQUIK THIX THIX-PAK VG-69 VISBESTOS VISOUIK VISTEX | Blend of polymers Stabilized thixotropic polymer Geting agent for on mud Shredded ablesion suspending agent Inorganic viscosities Polymers and cerbonates | | | | | | | 0 | | | | MAGCOBAR SUPERIOR MUD SALES |
| SUPER VISBESTOS THIKQUIK THIX THIX THIX-PAK VG-69 VISBESTOS VISOUIK | Blend of polymers Stabilized thixotropic polymer Geting agent for on mud Shredded ablesion suspending agent Inorganic viscosities Polymers and cerbonates | | | | | | | 0 | | | | MAGCOBAR |
| SUPER VISBESTOS THIKQUIK THIX THIX THIX-PAK VG-69 VISBESTOS VISOUIK VISTEX W.O. 20 | Blend of polymers Stabilized thisotropic polymer Cetting agent for cil mud Shredded sabesios suspending agent Inorganic visconifer Polymers and cerbonates Hydroxyleithri cellulose with calcium carbonate | | | | | | | | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM |
| SUPER VISBESTOS THIKQUIK THIX THIX THIX VG-89 VISBESTOS VISOUK VISTEX W.O. 20 W.O. 21 | Bleed of polymers Stabitzed throatopic polymer Citing agent for oil mud Stredded abbision supplement agent Inorganic viscolate Polymers and carbonates Mydronyfethyl cellulose with calcium carbonate Mydronyfethyl cellulose | | | | | | | | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM |
| SUPER VISBESTOS THIKQUIK THIX THIX THIX-PAK VG-69 VISBESTOS VISOUIK VISTEX W.O. 20 | Blend of polymers Stabilized thisotropic polymer Cetting agent for cil mud Shredded sabesios suspending agent Inorganic visconifer Polymers and cerbonates Hydroxyleithri cellulose with calcium carbonate | | | | | | | | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM |
| SUPER VISBESTOS THIKQUIK THIX: PAIX VG-69 VISBESTOS VISBESTOS VISBESTOS VISBESTOS VISUEX W. O. 20 W. O. 21 W. O. 22 | Beed of polymers Stahrerd mistoring-polymer Gring agent for oil mud Shredded abbestos suspending agent Indigenc victorine Polymers and cerbonates Hydronylethy cellulose with calcium carbonate Hydronylethy cellulose Add soloble polymers victoriser | | | | | | 0 0 | | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM |
| SUPER VISBESTOS THIKQUIK THIX: THIX: PAK VG:69 VISBESTOS VISBESTOS VISTEX W:0.20 W:0.21 W:0.22 W:0.23 | Bened of polymers Statement himsteps polymer Geting agent for oil must Standard with the control of the control Standard statement Polymers and catebouries Hydroxyferth catebouries Hydroxyferth catebouries Hydroxyferth catebouries And statement viscopier And statement viscopier And statement viscopier | | | | | | | 0 0 0 | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM |
| SUPER VISBESTOS THIRQUIR THIX THIX THIX-PAK VG-69 VISBESTOS VISOUIK VISTEX W-0.20 W-0.21 W-0.22 W-0.23 WORKOVER ONE | Bened of pipiners: Statistics Ministropic pipiners Gilling agent for oil med Shreded Shistoris varperleng agent Medigand: extendire Popiners and carbonates Mydengethyl carbonates Mydengethyl carbonates Mydengethyl carbonate And spaleby pipiners varcopifer And spaleby pipiners varcopifer And spaleby pipiners varcopifer And spaleby pipiners varcopifer | | 10 | | | | 0 0 | 0 0 0 | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM BAROID |
| SUPER VISBESTOS THIKQUIK THIX: THIX: PAK VG:69 VISBESTOS VISBESTOS VISTEX W:0.20 W:0.21 W:0.22 W:0.23 | Bened of polymers Statement himsteps polymer Geting agent for oil must Standard with the control of the control Standard statement Polymers and catebouries Hydroxyferth catebouries Hydroxyferth catebouries Hydroxyferth catebouries And statement viscopier And statement viscopier And statement viscopier | | 10 | | | | 0 0 | 0 0 0 | | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM |
| SUPER VISBESTOS THIRQUIR THIX THIX THIX-PAK VG-69 VISBESTOS VISOUIK VISTEX W-0.20 W-0.21 W-0.22 W-0.23 WORKOVER ONE | Bened of popumes Statuser binsergop popumer Coffing agent for oil must Similated binsergo supprimer Lindigune, viscoritie Popumes and controller Popumes and controller Popumes and controller Popumes and controller Add solvible popumers, viscoritier And solvible | P2 | 10 | | | | 0 0 0 | 0 0 0 | 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM BARDIO UNITED MUD |
| SUPER VISEESTOS THIKQUIK THIKY THIKY THIKY VIG-69 VISSESTOS VISOUR VISTEX W.O. 20 W.O. 21 W.O. 22 WORKOVER ONE WORKOVER ONE WOOMING GEL WYOMING GEL | Bened of pipmens: Stanzert Brustege, popmer Cathing agent for on mud Stringteen strains suppressing agent Indigence visitorities Perference and cartenates Harden visitorities And studies visitorities And studies visitorities visitorities Sodium monimoralisorite Uniterated bestoorite Uniterated bestoorite Difference descriptions Sodium monimoralisorite Uniterated bestoorite Difference descriptions | P.7 | 10 6 6 | | | 0 | 0 0 0 | 0 0 0 0 | 0 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM BAROID UNITED MUD UNITED MUD |
| SUPER VISIESTOS THIKQUIK THIX THIX THIX THIX THIX THIX THIX THIX | Bened of popumes Statured horseper popumer Coffing agent for oil must Shrinders abstration supprimer gagent Indiginary interpretation Paymers and carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Acid soluble polymers variorifier A | P.77 | 10 6 6 | | | 0 | 0 0 0 | 0 0 0 | 0 0 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM BAROID UNITED MUD LIMITED MUD MOST |
| SUPER VISAESTOS THAN THAN THAN THAN THAN THAN THAN THAN | Bened of pipmens: Stanzert Brustege, popmer Cathing agent for on mud Stringteen strains suppressing agent Indigence visitorities Perference and cartenates Harden visitorities And studies visitorities And studies visitorities visitorities Sodium monimoralisorite Uniterated bestoorite Uniterated bestoorite Difference descriptions Sodium monimoralisorite Uniterated bestoorite Difference descriptions | P77 | 10 6 6 | | | 0 | 0 0 0 | 0 0 0 0 | 0 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM DEARDID UNITED MUD UNITED MUD UNITED MUD |
| SUPER VISIESTOS THIKQUIK THIX THIX THIX THIX THIX THIX THIX THIX | Bened of popularies Chanared Investigue popular Cathing agent for ou much Shrinded Assistors supplement agent Indigue, withoutlier Playmers and centerative Hardware Assistantian Hardware Assistantian Hardware Assistantian And supplementation And supplementation And supplementation And supplementation And supplementation And supplementation Understantiantian Hardware Assistantian Hardware Assis | P.7 | 10 6 6 | | | 0 | 0 0 0 | 0 0 0 0 0 | 0 0 0 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM BARDID UNITED MUD UNITED MUD MOST |
| SUPER VISAESTOS THICKQUIK THICK THICKQUIK THICK PAX VIC-69 VISAESTOS VISAEST | Bened of popumes Statured horseper popumer Coffing agent for oil must Shrinders abstration supprimer gagent Indiginary interpretation Paymers and carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Hydromership carbonates Acid soluble polymers variorifier A | P.7 | 10 6 6 | | | 0 | 0 0 0 | 0 0 0 0 0 | 0 0 0 0 0 | | | MAGCOBAR SUPERIOR MUD SALES MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM MILCHEM DANICHEM DANICHEM DANICHEM DANICHEM DANICHEM DANICHEM MUD DANICHEM MOST MUDGO SERVICES |

| BARITE | Processed bantes (BaSO ₄) | | | | | | 0 | 0 | • | 0 | 0 | MOST |
|-----------------------|---|------|---|---|-----|------|-----|-----|----|----|----|-----------------------|
| BARIUM CARBONATE | Banum carbonate | | | | | | | • | | ۰ | ۰ | CANAMARRA SUPPLY |
| BAROID | Barite, barrum sulphate (BaSO ₄) | | | | | | 0 | ٥ | 0 | 0 | • | MOST |
| CALC-1.D.F. | Sized CaCOs | | | | | | | 9 | 0 | 0 | | 1.0.F |
| CALCIUM CARBONATE | Calcium Carbonate | 10 | | | | | 0 | 0 | | ō | | ALL |
| CALCIUM CHLORIDE | Calcium chloride | 1 | | | | | 1 | ۰ | 1 | ۰ | 0 | MOST |
| CARBWATE | Calcium carbonate | | | | | | | Θĺ | 0 | ۰ | | BRINADD |
| FERROWATE | Ferrous carbonale | | | 1 | | | 0 | ۰ | 0 | ۰ | 0 | • BRINADO |
| GALENA | Lead sulphide powder | | | | | | 6 | 9 | 0 | 9 | • | MOST |
| HI-WATE FLUID SYSTEMS | Polymer, brine and CaCO ₃ based acid | | 4 | | 100 | | • | ۰ | • | • | | CANADIAN FLUID SYSTEM |
| IMCO BAR | Bante | ند ا | | | | أونت | | Θĺ | 0 | 0 | • | IMCO SERVICES |
| IMCO BAR-PLUS | Blended barite & hematite | | | | | | | • | • | • | | IMCO SERVICES |
| IMCO NU-DENSE | Ground hematite | | | | | | • | | • | ۰ | • | IMCO SERVICES |
| IMCO-WATE | Calcium carbonate | | | | | | • | • 1 | • | • | • | IMCO SERVICES |
| LO WATE | Acid soluble weight material | | | | | | 31 | 36 | 36 | 21 | 31 | MAGCOBAR |
| MAGCOBAR | Barium sulphate | | | | | | 31 | 71 | 36 | 31 | 31 | MAGCOBAR |
| MIL-BAR | Barite | | | | | | 31 | 36 | 36 | | 31 | MILCHEM |
| REEF CARB | Caloum carbonate | | | | П | | | IK | 38 | I | | REEF MUO |
| SALT | NaCl | | | | | | П | K | 36 | Ш | | ALL |
| SUPER WATE | High density weight mat, for blowout control | | | | | | B I | П | Т | Т | | MAGCOBAR |
| WEIGHTEX | Sized CACO ₃ | | | | | | 10 | ۰ | | Т | | SUPERIOR MUD SALES |
| WEIGHT SAL | Sized salt | | | | | | П | П | Т | Т | Т | SUPERIOR MUD SALES |
| W.O. 30 | Calcium carbonate | P/10 | | | | | 10 | | ۰ | ŀ | | MILCHEM |
| W.O. 35 - | Ferrous carbonate | | | | | | ij. | 0 | 0 | | | MILCHEM |











KENOL oil-mud systems are setting a fast drilling perforsetting a fast drilling perfor-mance pace where severe well-bore problems are encoun-tered. Literally 100s of wells worldwide have been drilled with KENOL SYSTEMS under careful supervision of IMCO's service people. KENOL con-sists of three oil-mud systems for a variety of drilling appli-cations and a newly-formucations and a newly-formulated KENOL-ES system for environmentally sensitive





Dam: 622 24 (+41) GUI